

WHAT IS CLAIMED IS:

1. A harness modification system for modifying a tightly-braided electrical harness comprising at least one bundle of conductor cables surrounded by a tight braid, said braid having at least one end, said modification system comprising:
 - at least one modification conductor element constituted by at least one conductor cable surrounded by a shielding braid, said braid presenting two ends, and the conductor cable projecting beyond both ends of the shielding braid;
 - at least one portion of spare sheath comprising a flexible tube portion mounted in part inside the braid of said harness so that a first end of said tube opens out beyond the end of said harness braid, and so that the second end of the tube is external to said braid of the harness, passing through it, at least said portion of the tube that is external to the braid of the harness being surrounded by a tight braid; and
 - braid connection means for connecting the end of the braid of the modification conductor element to the end of the braid surrounding the external portion of said tube, said conductor cable of the modification conductor element being engaged in said tube and projecting from the first end of said tube.
2. A harness modification system according to claim 1, wherein the modification conductor element further comprises a flexible tube on which said braid is mounted and in which said conductor cable is engaged.
3. A harness modification system according to claim 1, wherein the end of the harness braid corresponds to one end of the harness cable bundle, said end being for mounting on an electrical connector.

4. A harness modification system according to claim 1, wherein the end of the harness cable bundle extends beyond said end of the harness braid.
- 5 5. A harness modification system according to claim 3, wherein said harness end comprises a first braid surrounding the cable bundle and in which there is placed said spare sheath, and a second braid that is movable relative to the first braid and that presents a first end 10 electrically connected to the first braid and a second end that is movable for connection to the coupling of the connector, said spare sheath tube leaving said first braid beyond the first end of said second braid.
- 15 6. A tightly-braided electrical harness that is modifiable by adding at least one electrical cable, said harness comprising at least one conductor cable bundle surrounded by a tight braid and at least one end of said braid, said harness further comprising:
- 20 · at least one portion of spare sheath comprising a flexible tube portion mounted in part inside the braid of said harness in such a manner that a first end of said tube extends beyond the end of said harness braid and that the second end of the tube is external to said
- 25 harness braid, at least said portion of the tube that is external to the harness braid being surrounded by a tight braid, whereby a modification conductor element is suitable for being connected to said second end of the spare sheath portion.
- 30 7. A harness according to claim 6, presenting a plurality of braid ends, at least some of said braid ends being fitted with respective spare sheath portions.